

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2019 Levee Inspection Results

Levee District No. 0001 (Sutter County)

**** SBFCA currently has operation and maintenance obligations during project construction and closeout.**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

**** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.**

† **SPRING INSPECTIONS:** Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2019 Levee Inspection Results

Levee District No. 0001 (Sutter County)

Waterway			Bank	Unit Miles
Unit No. 01 Feather River			Right	16.11
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/12/2019 - 4/12/2019			
DWR Inspector	Sterling York			
Accompanied By	Andrew Stresser LD0001S			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/12/2019 04/12/2019	Sterling York

LM Start		Rating **	A	Issue No.	4
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
DWR ID	DWR_LD0001S_01_s_2013_4				
Comment Code					
Inspector Comment					
O&M manuals are stored at the district office at 243 2nd St, Yuba City, CA.					

No Photos

LM Start		Rating **	A	Issue No.	6
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
DWR ID	DWR_LD0001S_01_s_2013_6				
Comment Code					
Inspector Comment					
Drew and the district employees attend the Flood Fight class put on by DWR and RD784 annually.					

No Photos

LM Start	0.01	Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment		38.951032	°	°
			-121.585757	°	°
DWR ID	DWR_LD0001S_01_s_2013_5				
Comment Code					
Inspector Comment					
Supplies and flood fight equipment are stored at the district office. They also went in with RD784 in their large stockpile of flood fight supplies located in their district.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/12/2019 04/12/2019	Sterling York

LM Start	0.01	Rating **	A	Issue No.	20
LM End	3.72	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.951075 °	39.003121 °
				-121.585711 °	-121.596632 °
DWR ID	DWR_LD0001S_01_s_2019_20				
Comment Code					
Inspector Comment					
SABFCA Project, this section of levee is under construction with the install of a slurry wall. This section of the levee will not be inspected until completion of work and turned back over to the LMA, Spring 2019.					

No Photos

LM Start	0.36	Rating **	M	Issue No.	27	
LM End	0.36	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.956192 °	38.956192 °	
				-121.585510 °	-121.585510 °	
DWR ID	18653					
Comment Code						
Inspector Comment						
FS_ID:41624 DS_ID:18653 EP_NO: 4667 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 04/12/2013 Abandoned crossing. Concrete box on both sides found. Pipe remainings are found on WS. (DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: *ABANDONED* 36-inch steel irrigation pipe through the levee, 10 feet below the crown. Concrete box found on each side. Pipe remains found on the waterside (WS) after the removal of 40 feet of 36-inch steel pipe from a spur levee and 20 feet of 36-inch steel pipe from the landside (LS) slope of the Feather River Levee. (Plans for removal of a portion and filling with concrete a portion of an abandoned 36-inch steel pipe through the levee authorized under Permit No. 4667, 1964 - Levee District No. 1 of Sutter County [LD0001S]). [Additional Reference(s): USACE Sacramento O&M Manual 144, August 1955, (Station 735+57)]. FS Date: 4/12/2013						

Photo 1 of 3 : UCIP_SP_2019_41624_18769.jpg



Crown view- overview of both sides of the levee

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/12/2019 04/12/2019	Sterling York

LM Start	0.36	Rating **	M	Issue No.	27 (cont)	
LM End	0.36	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.956192 °	38.956192 °	
				-121.585510 °	-121.585510 °	
DWR ID	18653					
Comment Code						
Inspector Comment						
FS_ID:41624 DS_ID:18653 EP_NO: 4667 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 04/12/2013 Abandoned crossing. Concrete box on both sides found. Pipe remainings are found on WS. (DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: *ABANDONED* 36-inch steel irrigation pipe through the levee, 10 feet below the crown. Concrete box found on each side. Pipe remains found on the waterside (WS) after the removal of 40 feet of 36-inch steel pipe from a spur levee and 20 feet of 36-inch steel pipe from the landside (LS) slope of the Feather River Levee. (Plans for removal of a portion and filling with concrete a portion of an abandoned 36-inch steel pipe through the levee authorized under Permit No. 4667, 1964 - Levee District No. 1 of Sutter County [LD0001S]). [Additional Reference(s): USACE Sacramento O&M Manual 144, August 1955, (Station 735+57)]. FS Date: 4/12/2013						

LM Start	0.36	Rating **	M	Issue No.	27 (cont)
LM End	0.36	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_41624_18768.jpg



WS- abandoned pipe near power pole (right)

Photo 3 of 3 : UCIP_SP_2019_41624_18767.jpg



WS- abandoned pipe near power pole (top)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/12/2019 04/12/2019	Sterling York

LM Start	1.85	Rating **	M	Issue No.	28
LM End	1.85	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.977002°	38.977002°	
			-121.591199°	-121.591199°	
DWR ID	17917				

Comment Code

Inspector Comment

FS_ID:53068
DS_ID:17917
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Not Found
UCIP Comments: 10/15/2018 Pipe not found. Pipe removed as part of the Project Area A Feather River West Levee Project. Contacted LMA to obtain as-built drawings showing the pipe removal through the levee. Crossing has been downgraded from Urgent to Non-Urgent, waiting to receive as-built drawings pertaining to levee improvement project for this section of the levee. (O. Magana - DWR UCIP)07/20/2016 Same as previous comment, although pipe is open on the waterside (WS) and capped on the LS. Note that this section of levee will likely be reconstructed as part of Project Area A of the Feather River West Levee Project (Star Bend to Sutter Bypass). (K. Fazel - UCIP)05/23/2016 Needs proper abandonment; pipe open on both ends (courtesy of Sterling York, DWR Inspector). (K. Fazel - UCIP) FIELD_STRUCT_DESC: *REMOVED* 8-inch steel pipe of an unknown purpose through the levee, 4.6 feet below the crown. Siphon breaker in a 24-inch corrugated metal pipe (CMP) riser on the landside (LS) shoulder, not found in 2016. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 144, August 1955, (Station 657+00), As-Built Drawing No. 4-4-205-1].
FS Date: 10/16/2018

LM Start	1.85	Rating **	M	Issue No.	28 (cont)
LM End	1.85	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2019_53068_75107.jpg



Pipe visible on WS slope. Photo courtesy of Sterling York, DWR Inspector.

Photo 2 of 3 : UCIP_SP_2019_53068_75108.jpg



Pipe open on LS end. Photo courtesy of Sterling York, DWR Inspector.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/12/2019 04/12/2019	Sterling York

LM Start	1.85	Rating **	M	Issue No.	28 (cont)	
LM End	1.85	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.977002 °		38.977002 °
				-121.591199 °		-121.591199 °
DWR ID	17917					
Comment Code						
Inspector Comment						
FS_ID:53068 DS_ID:17917 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 10/15/2018 Pipe not found. Pipe removed as part of the Project Area A Feather River West Levee Project. Contacted LMA to obtain as-built drawings showing the pipe removal through the levee. Crossing has been downgraded from Urgent to Non-Urgent, waiting to receive as-built drawings pertaining to levee improvement project for this section of the levee. (O. Magana - DWR UCIP)07/20/2016 Same as previous comment, although pipe is open on the waterside (WS) and capped on the LS. Note that this section of levee will likely be reconstructed as part of Project Area A of the Feather River West Levee Project (Star Bend to Sutter Bypass). (K. Fazel - UCIP)05/23/2016 Needs proper abandonment; pipe open on both ends (courtesy of Sterling York, DWR Inspector). (K. Fazel - UCIP) FIELD_STRUCT_DESC: *REMOVED* 8-inch steel pipe of an unknown purpose through the levee, 4.6 feet below the crown. Siphon breaker in a 24-inch corrugated metal pipe (CMP) riser on the landside (LS) shoulder, not found in 2016. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 144, August 1955, (Station 657+00), As-Built Drawing No. 4-4-205-1]. FS Date: 10/16/2018						

Photo 3 of 3 : UCIP_SP_2019_53068_76120.jpg



LS view: pipe appears to be capped, though in a rudimentary fashion.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/12/2019 04/12/2019	Sterling York

LM Start	2.21	Rating **	M	Issue No.	29	
LM End	2.21	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.982135 °		38.982135 °
				-121.591974 °		-121.591974 °
DWR ID	17915					
Comment Code						
Inspector Comment						
FS_ID:11383 DS_ID:17915 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 04/12/2013 Siphon breaker cap missing. Sump pump and gate valve at landward toe not found may be due to dense vegetation. (DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: 8-inch coated steel pipe of an unknown purpose through the levee, 4.6 feet below the crown. Siphon breaker in a corrugated metal pipe (CMP) riser on the landside (LS) slope. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 144, August 1955, (Station 638+07)]. FS Date: 4/12/2013						

Photo 1 of 3 : UCIP_SP_2019_11383_18782.jpg



WS- 8-inch steel pipe and disconnected pvc pipe on levee slope

LM Start	2.21	Rating **	M	Issue No.	29 (cont)
LM End	2.21	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_11383_18781.jpg



WS-a disconnected pvc pipe on levee slope

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/12/2019 04/12/2019	Sterling York

LM Start	2.21	Rating **	M	Issue No.	29 (cont)	
LM End	2.21	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.982135 °		38.982135 °
				-121.591974 °		-121.591974 °
DWR ID	17915					
Comment Code						
Inspector Comment						
FS_ID:11383 DS_ID:17915 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 04/12/2013 Siphon breaker cap missing. Sump pump and gate valve at landward toe not found may be due to dense vegetation. (DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: 8-inch coated steel pipe of an unknown purpose through the levee, 4.6 feet below the crown. Siphon breaker in a corrugated metal pipe (CMP) riser on the landside (LS) slope. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 144, August 1955, (Station 638+07)]. FS Date: 4/12/2013						

Photo 3 of 3 : UCIP_SP_2019_11383_18780.jpg



LS- CMP riser on levee slope with dense vegetation.

LM Start	2.42	Rating **	M	Issue No.	30
LM End	2.42	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.985223 °	38.985223 °
				-121.591922 °	-121.591922 °
DWR ID	18667				
Comment Code					
Inspector Comment					
FS_ID:41787 DS_ID:18667 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 04/12/2013 Pipe appears to be abandoned and should be verified as having been done so properly. - concrete standpipe with 10-inch steel pipe.- concrete wing wall- no pipe- abandoned structure- a pump found on other side of the levee (WS) but not sure whether it is associated with this crossing. (DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: *ABANDONED* 24-inch gravity drainage pipe of an unknown material under the landside (LS) approach, at an unknown depth. Plans to install a 10-inch corrugated iron gravity drainage culvert under the LS approach, at an unknown depth. Crossing not found in the O&M Manual. FS Date: 4/12/2013					

Photo 1 of 3 : UCIP_SP_2019_41787_18793.jpg



LS- overview of landside with concrete standpipe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/12/2019 04/12/2019	Sterling York

LM Start	2.60	Rating **	A/W	Issue No.	22
LM End	3.76	Issue Type +	Ob	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.987740 °	39.003660 °	
			-121.592090 °	-121.596680 °	
DWR ID	DWR_LD0001S_01_f_2017_22				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:159					
Site Designation:FSRP-13-64					
Repair Type: Seepage					
Rating:					
Field Date:					
Notes:					

No Photos

LM Start	3.42	Rating **	M	Issue No.	31
LM End	3.42	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.998858 °	38.998858 °	
			-121.596746 °	-121.596746 °	
DWR ID	17918				
Comment Code					
Inspector Comment					
FS_ID:41348					
DS_ID:17918					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: 04/08/2013 Only an abandoned steel structure on water and a concrete structure on WS Levee slope found. Need to verify pipe was properly abandoned. (DWR UCIP - P. Amatya)					
FIELD_STRUCT_DESC: *ABANDONED* 8-inch steel pipe of an unknown purpose through the levee, 4.1 feet below the crown. Siphon breaker on the landside (LS) slope. Butterfly shutoff valve on the LS slope. Concrete standpipe and pump at the LS toe. Pipe discharges into borrow pit on the waterside (WS). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 144, August 1955, (Station 574+20)].					
FS Date: 4/8/2013					

Photo 1 of 3 : UCIP_SP_2019_41348_18882.jpg



WS- abandoned concrete structure on levee slope

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/12/2019 04/12/2019	Sterling York

LM Start	3.42	Rating **	M	Issue No.	31 (cont)	
LM End	3.42	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.998858	°	38.998858
				-121.596746	°	-121.596746
DWR ID	17918					
Comment Code						
Inspector Comment						
FS_ID:41348 DS_ID:17918 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 04/08/2013 Only an abandoned steel structure on water and a concrete structure on WS Levee slope found. Need to verify pipe was properly abandoned. (DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: *ABANDONED* 8-inch steel pipe of an unknown purpose through the levee, 4.1 feet below the crown. Siphon breaker on the landside (LS) slope. Butterfly shutoff valve on the LS slope. Concrete standpipe and pump at the LS toe. Pipe discharges into borrow pit on the waterside (WS). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 144, August 1955, (Station 574+20)]. FS Date: 4/8/2013						

LM Start	3.42	Rating **	M	Issue No.	31 (cont)
LM End	3.42	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_41348_18881.jpg



WS- abandoned steel structure on waterway

Photo 3 of 3 : UCIP_SP_2019_41348_18880.jpg



Overview of landside of the levee- no pipes visible. Dense vegetation.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/12/2019 04/12/2019	Sterling York

LM Start	3.72	Rating **	A	Issue No.	15
LM End	16.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.003134 °	39.168732 °
				-121.596628 °	-121.622687 °
DWR ID	DWR_LD0001S_01_s_2019_15				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained through this section of levee, Spring 2019.					

Photo 1 of 1 : SP_2019_LD0001S_433_15_20190415_00045.jpg



View looking downstream landside at the well maintained annual vegetation, Spring 2019.

LM Start	3.72	Rating **	A	Issue No.	16
LM End	16.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.003134 °	39.168732 °
				-121.596628 °	-121.622687 °
DWR ID	DWR_LD0001S_01_s_2019_16				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained through this section of levee, Spring 2019.					

Photo 1 of 1 : SP_2019_LD0001S_433_16_20190415_00046.jpg



View looking downstream waterside at the well maintained annual vegetation, Spring 2019.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/12/2019 04/12/2019	Sterling York

LM Start	5.02	Rating **	A/W	Issue No.	25	
LM End	5.02	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			39.018322 °	39.018322 °	
				-121.610275 °	-121.610275 °	
DWR ID	DWR_LD0001S_01_f_2017_25					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:145						
Site Designation:LD1-S-02						
Repair Type: Erosion						
Rating:Critical						
Field Date:7/17/2017						
Notes:						

Photo 1 of 3 : LEVAL_SP_2019_145_1767.jpg



Photo 2 of 3 : LEVAL_SP_2019_145_1768.jpg



LM Start	5.02	Rating **	A/W	Issue No.	25 (cont)
LM End	5.02	Issue Type +	Ma	Location *	

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

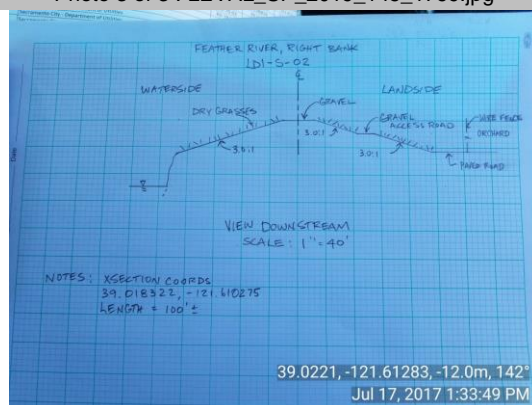
Levee Inspection Report By Mile - Spring 2019

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/12/2019 04/12/2019	Sterling York

LM Start	5.02	Rating **	A/W	Issue No.	25 (cont)	
LM End	5.02	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			39.018322 °	39.018322 °	
				-121.610275 °	-121.610275 °	
DWR ID	DWR_LD0001S_01_f_2017_25					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:145						
Site Designation:LD1-S-02						
Repair Type: Erosion						
Rating:Critical						
Field Date:7/17/2017						
Notes:						

Photo 3 of 3 : LEVAL_SP_2019_145_1769.jpg



LM Start	5.65	Rating **	U	Issue No.	18
LM End	5.65	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.026940 °	39.026940 °
				-121.613100 °	-121.613100 °
DWR ID	DWR_LD0001S_01_s_2019_18				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Repair rodent hole in levee slope, Spring 2019.					

Photo 1 of 1 : SP_2019_LD0001S_433_18_20190415_00044.jpg



View looking at waterside levee slope of a large rodent/animal hole, Spring 2019.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/12/2019 04/12/2019	Sterling York

LM Start	7.69	Rating **	A/W	Issue No.	19	
LM End	7.74	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			39.055986 °	39.056710 °	
				-121.611301 °	-121.611331 °	
DWR ID	DWR_LD0001S_01_f_2017_19					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:146						
Site Designation:LD1-S-03						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:8/3/2017						
Notes:						

LM Start	7.69	Rating **	A/W	Issue No.	19 (cont)
LM End	7.74	Issue Type +	Ma	Location *	

Photo 1 of 3 : LEVAL_SP_2019_146_4051.jpg



Photo 2 of 3 : LEVAL_SP_2019_146_4053.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/12/2019 04/12/2019	Sterling York

LM Start	7.69	Rating **	A/W	Issue No.	19 (cont)	
LM End	7.74	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			39.055986 °	39.056710 °	
				-121.611301 °	-121.611331 °	
DWR ID	DWR_LD0001S_01_f_2017_19					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:146						
Site Designation:LD1-S-03						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:8/3/2017						
Notes:						

Photo 3 of 3 : LEVAL_SP_2019_146_4054.jpg



LM Start	8.55	Rating **	M	Issue No.	17
LM End	8.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.067929 °	39.067929 °
				-121.608064 °	-121.608064 °
DWR ID	DWR_LD0001S_01_s_2019_17				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There are large depressions in the levee slope that appear to be caused by some type of burrowing animals that needs to be repaired, Spring 2019.					

Photo 1 of 1 : SP_2019_LD0001S_433_17_20190415_00043.jpg



View looking at the landside levee slope at large depressions in the levee that appear to be caused by some type of burrowing animals that need to be repaired, Spring 2019.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/12/2019 04/12/2019	Sterling York

LM Start	9.35	Rating **	C	Issue No.	23
LM End	9.35	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.079026 °	39.079026 °
				-121.604386 °	-121.604386 °
DWR ID	DWR_LD0001S_01_f_2015_23				
Comment Code					
PR : Prunings					
Inspector Comment					
Tree trimmings and debris still exist at landside toe that are within 10' of the toe need to be removed, Fall 2018.					

No Photos

LM Start	11.99	Rating **	M	Issue No.	32
LM End	11.99	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.114856 °	39.114856 °
				-121.605821 °	-121.605821 °
DWR ID	17932				
Comment Code					
Inspector Comment					
FS_ID:41841 DS_ID:17932 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 04/05/2013 Need to install Gasline Markers.Fenced control station.Indicator on LS across concrete ditch.Found road markings.(DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: 1 of 2: 16-inch natural gas pipeline of an unknown material through the levee, 3 feet below the crown. PG&E gas line crossing sign on the waterside (WS) shoulder. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 4/5/2013					

Photo 1 of 3 : UCIP_SP_2019_41841_19538.jpg



Levee Crown: gasoline indicator/markings on crown road.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/12/2019 04/12/2019	Sterling York

LM Start	11.99	Rating **	M	Issue No.	32 (cont)	
LM End	11.99	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.114856 °	39.114856 °	
				-121.605821 °	-121.605821 °	
DWR ID	17932					
Comment Code						
Inspector Comment						
FS_ID:41841 DS_ID:17932 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 04/05/2013 Need to install Gasline Markers.Fenced control station.Indicator on LS across concrete ditch.Found road markings.(DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: 1 of 2: 16-inch natural gas pipeline of an unknown material through the levee, 3 feet below the crown. PG&E gas line crossing sign on the waterside (WS) shoulder. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 4/5/2013						

Photo 2 of 3 : UCIP_SP_2019_41841_19537.jpg



LS- fenced control station across concrete ditch

LM Start	11.99	Rating **	M	Issue No.	32 (cont)
LM End	11.99	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2019_41841_19534.jpg



LS- fenced control station with indicators

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/12/2019 04/12/2019	Sterling York

LM Start	12.00	Rating **	M	Issue No.	33
LM End	12.00	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.114856 °	39.114856 °
				-121.605821 °	-121.605821 °
DWR ID	18880				
Comment Code					
Inspector Comment					
FS_ID:41889 DS_ID:18880 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 04/05/2013 Need to contact owner to install gasoline markers.Fenced control station on LS.Indicator on LS across concrete channel.Road markings. (DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: 2 of 2: 16-inch natural gas pipeline of an unknown material through the levee, 3 feet below the crown. PG&E gas line crossing sign on the waterside (WS) shoulder. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 4/5/2013					

Photo 1 of 3 : UCIP_SP_2019_41889_19566.jpg



Levee Crown: road markings on road pavement

LM Start	12.00	Rating **	M	Issue No.	33 (cont)
LM End	12.00	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_41889_19565.jpg



LS- fenced control station across concrete ditch.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/12/2019 04/12/2019	Sterling York

LM Start	12.00	Rating **	M	Issue No.	33 (cont)	
LM End	12.00	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.114856 °	39.114856 °	
				-121.605821 °	-121.605821 °	
DWR ID	18880					
Comment Code						
Inspector Comment						
FS_ID:41889 DS_ID:18880 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 04/05/2013 Need to contact owner to install gasoline markers.Fenced control station on LS.Indicator on LS across concrete channel.Road markings. (DWR UCIP - P. Amaty) FIELD_STRUCT_DESC: 2 of 2: 16-inch natural gas pipeline of an unknown material through the levee, 3 feet below the crown. PG&E gas line crossing sign on the waterside (WS) shoulder. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 4/5/2013						

Photo 3 of 3 : UCIP_SP_2019_41889_19564.jpg



LS- fenced control station with gasoline indicator across concrete ditch.

LM Start	12.00	Rating **	C	Issue No.	24
LM End	12.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.114994 °	39.114994 °
				-121.605726 °	-121.605726 °
DWR ID	DWR_LD0001S_01_f_2018_24				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Foot path shows no sign of soil separation or erosion, but should be monitored, Fall 2018.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/12/2019 04/12/2019	Sterling York

LM Start	13.87	Rating **	A/W	Issue No.	26
LM End	13.87	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			39.139734 °	39.139734 °
				-121.608477 °	-121.608477 °
DWR ID	DWR_LD0001S_01_f _ 2018_26				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
There is ongoing construction at the 5th Street Bridge, Fall 2018.					

Photo 1 of 2 : SP_2019_LD0001S_433_26_20190415_00047.jpg



View looking downstream waterside of the 5th Street bridge construction, Spring 2019.

LM Start	13.87	Rating **	A/W	Issue No.	26 (cont)
LM End	13.87	Issue Type +	Ma	Location *	CR

Photo 2 of 2 : SP_2019_LD0001S_433_26_20190305_00011.jpg



View looking downstream waterside of the 5th Street bridge construction, Fall 2018.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/12/2019 04/12/2019	Sterling York

LM Start	14.35	Rating **	M	Issue No.	34
LM End	14.35	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.146494 °	39.146494 °
				-121.609715 °	-121.609715 °
DWR ID	18640				
Comment Code					
Inspector Comment					
FS_ID:41887 DS_ID:18640 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 04/05/2013 Need to contact ownder to determin status of crossing and install signs if appropriate. (DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: 18-inch steel natural gas pipeline through the levee, at an unknown depth. [Additional Reference(s): Sutter-Butte Flood Control Agency, Volume 3, As-Built Drawing No. GC-120, Sheet 58, no reference to any crossings at this location. USACE Sacramento O&M Manual 144, August 1955, (Station 1473+60)]. FS Date: 4/5/2013					

Photo 1 of 3 : UCIP_SP_2019_41887_19571.jpg



WS- USA road marking and floodway area

LM Start	14.35	Rating **	M	Issue No.	34 (cont)
LM End	14.35	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_41887_19570.jpg



WS- USA road marking on pavement

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/12/2019 04/12/2019	Sterling York

LM Start	14.35	Rating **	M	Issue No.	34 (cont)	
LM End	14.35	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.146494 °		39.146494 °
				-121.609715 °		-121.609715 °
DWR ID	18640					
Comment Code						
Inspector Comment						
FS_ID:41887 DS_ID:18640 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 04/05/2013 Need to contact ownder to determin status of crossing and install signs if appropriate. (DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: 18-inch steel natural gas pipeline through the levee, at an unknown depth. [Additional Reference(s): Sutter-Butte Flood Control Agency, Volume 3, As-Built Drawing No. GC-120, Sheet 58, no reference to any crossings at this location. USACE Sacramento O&M Manual 144, August 1955, (Station 1473+60)]. FS Date: 4/5/2013						

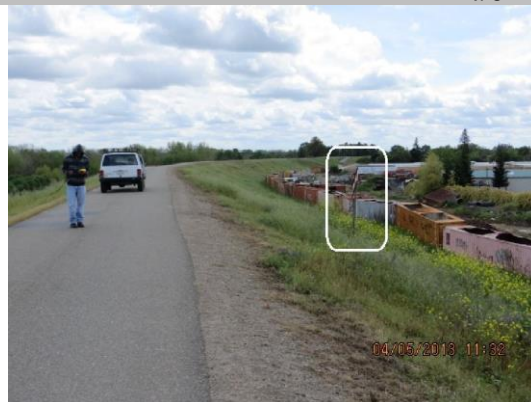
Photo 3 of 3 : UCIP_SP_2019_41887_19569.jpg



LS- overview. No sign post or indicator found.

LM Start	15.03	Rating **	M	Issue No.	35
LM End	15.03	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.154970 °	39.154970 °
				-121.615617 °	-121.615617 °
DWR ID	17923				
Comment Code					
Inspector Comment					
FS_ID:12092 DS_ID:17923 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 04/05/2013 Only a gasoline indicator found on LS.Needs gasoline marker also on WS.(DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: 16-inch natural gas pipeline of an unknown material through the levee, 3.5 feet below the crown. Pipeline protected in place as part of the Feather River West Levee Reconstruction Project. Marker installed on the landside (LS). [Additional Reference(s): DWR Levee Log, 2005. Sutter-Butte Flood Control Agency, Volume 3, As-Built Drawing No. C-124, Sheet 62, (Station 1073+41)]. FS Date: 4/5/2013					

Photo 1 of 2 : UCIP_SP_2019_12092_19624.jpg



LS- overview of gasoline marker on levee slope

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/12/2019 04/12/2019	Sterling York

LM Start	15.03	Rating **	M	Issue No.	35 (cont)	
LM End	15.03	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.154970 °		39.154970 °
				-121.615617 °		-121.615617 °
DWR ID	17923					
Comment Code						
Inspector Comment						
FS_ID:12092 DS_ID:17923 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 04/05/2013 Only a gasoline indicator found on LS.Needs gasoline marker also on WS.(DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: 16-inch natural gas pipeline of an unknown material through the levee, 3.5 feet below the crown. Pipeline protected in place as part of the Feather River West Levee Reconstruction Project. Marker installed on the landside (LS). [Additional Reference(s): DWR Levee Log, 2005. Sutter-Butte Flood Control Agency, Volume 3, As-Built Drawing No. C-124, Sheet 62, (Station 1073+41)]. FS Date: 4/5/2013						

Photo 2 of 2 : UCIP_SP_2019_12092_19623.jpg



LS- gasoline marker on levee slope

LM Start	15.15	Rating **	M	Issue No.	36
LM End	15.15	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.156241 °	39.156241 °
				-121.617210 °	-121.617210 °
DWR ID	18644				
Comment Code					
Inspector Comment					
FS_ID:12104 DS_ID:18644 EP_NO: 17259 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 04/05/2013 Found an indicator only on LS. Needs an indicator also on WS.(DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: *REMOVED* 8.375-inch-wide electrolysis test station (ETS) at a depth of 4 feet was connected to the existing 8-inch steel natural gas pipeline within the waterside (WS) levee toe. Pipeline has been removed as part of the Feather River West Levee Reconstruction Project. [Additional Reference(s): Sutter-Butte Flood Control Agency, Volume 3, As-Built Drawing No. C-124, Sheet 62, (Station 1079+91), no replacement pipe mentioned]. FS Date: 4/5/2013					

Photo 1 of 3 : UCIP_SP_2019_12104_19642.jpg



WS- needs a gasoline indicator.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/12/2019 04/12/2019	Sterling York

LM Start	15.15	Rating **	M	Issue No.	36 (cont)	
LM End	15.15	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.156241 °		39.156241 °
				-121.617210 °		-121.617210 °
DWR ID	18644					
Comment Code						
Inspector Comment						
FS_ID:12104 DS_ID:18644 EP_NO: 17259 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 04/05/2013 Found an indicator only on LS. Needs an indicator also on WS.(DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: *REMOVED* 8.375-inch-wide electrolysis test station (ETS) at a depth of 4 feet was connected to the existing 8-inch steel natural gas pipeline within the waterside (WS) levee toe. Pipeline has been removed as part of the Feather River West Levee Reconstruction Project. [Additional Reference(s): Sutter-Butte Flood Control Agency, Volume 3, As-Built Drawing No. C-124, Sheet 62, (Station 1079+91), no replacement pipe mentioned]. FS Date: 4/5/2013						

LM Start	15.15	Rating **	M	Issue No.	36 (cont)
LM End	15.15	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_12104_19641.jpg



LS- gasline indicators on levee slope and across.

Photo 3 of 3 : UCIP_SP_2019_12104_19640.jpg



LS- overview of gasline indicators on levee slope and across.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/12/2019 04/12/2019	Sterling York

LM Start	16.11	Rating **	M	Issue No.	37
LM End	16.11	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.168830 °	39.168830 °
				-121.622628 °	-121.622628 °
DWR ID	18645				
Comment Code					
Inspector Comment					
FS_ID:41888 DS_ID:18645 EP_NO: 3823 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 04/05/2013 Need to contact owner to determine status of crossing and install markers if appropriate. Several lines in area. (DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: 8-inch steel natural gas pipeline through the levee and overflow area, 3.3 feet below the crown. (Plans for installation of a steel pipeline through the levee authorized under Permit No. 3823, 1961 - Southern Pacific Pipe Lines, Inc.). FS Date: 4/5/2013					

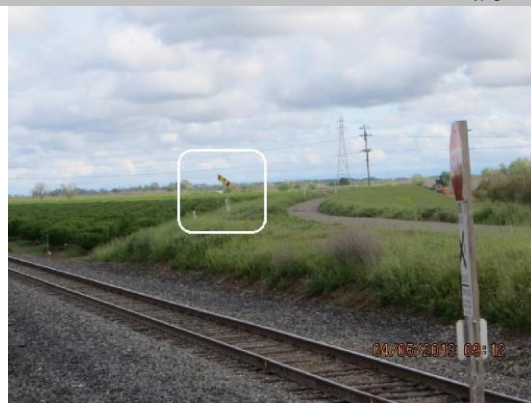
LM Start	16.11	Rating **	M	Issue No.	37 (cont)
LM End	16.11	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP_SP_2019_41888_19709.jpg



Railway and levee crossing and gasline sign across the railway

Photo 2 of 2 : UCIP_SP_2019_41888_19708.jpg



Gasline sign across the railway

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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